

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Tatsumi et al.

Art Unit: 2889

Application No: 10/554,188

Examiner: E. Breval

Confirmation No: 2644

Filed: October 21, 2005

Atty. Docket No: 40616-286346

For: DIAMOND ELECTRON EMITTER AND  
ELECTRON BEAM SOURCE USING  
SAME

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Customer No:

**26694**

PATENT & TRADEMARK OFFICE

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION UNDER 37 C.F.R. 1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated March 16, 2011, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.